

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 12-8-61

OW _____ WW _____ TA _____

GW _____ OS _____ PAL _____

Location Inspected

Bond released

State of Fee Land

LOGS FILED

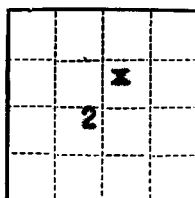
Driller's Log 1-30-62

Electric Logs (No.) 4

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat. _____ Mi-L _____ Sonic _____ Others Temperature Log

Minilog Subsequent Report of Abandonment



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SLC**
Lease No. **State ML3277**
Unit **Southman Canyon**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 16, 1961

Hager

Well No. 1 is located 1540 ft. from (N) line and 2050 ft. from (E) line of sec. 2

SW NE Section 2 10S 23E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Southman Canyon Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is - ft. 5451.6' Ungraded Ground.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5,300' in the Wasatch Formation. Approximately 500' of 8-5/8" surface casing will be set unless excessive lost circulation is encountered below this depth in which case approximately 1,800' will be set. If production is found the required amount of 4-1/2" or 5-1/2" production casing will be set and cemented with sufficient cement to cover the highest potentially productive formation. Surface casing will be cemented to surface. All shows will be tested and Electric logs will be run prior to setting production casing or abandonment. Stimulation treatments such as acidizing or fracturing may be employed in completion.

This is not a true location due to the nature of the terrain.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations are commenced.

Company Humble Oil & Refining Company

Address P. O. Box 3082

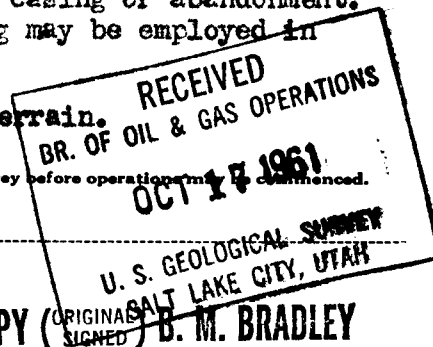
Durango, Colorado

By

COPY (ORIGINAL SIGNED) **B. M. BRADLEY**

B. M. Bradley

Title Dist. Supt.



BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF HUMBLE
OIL & REFINING COMPANY FOR PERMISSION TO
DRILL CLOSER THAN 4960 FEET TO AN EXISTING
PRODUCIBLE GAS WELL AS PROVIDED FOR IN
RULE C-3(b), GENERAL RULES AND REGULATIONS
AND RULES OF PRACTICE AND PROCEDURE, WITHIN
THE SW/4 NE/4 OF SECTION 2, TOWNSHIP 10
SOUTH, RANGE 23 EAST, SLM, UTAH COUNTY,
UTAH

CONSENT TO SPACING
EXCEPTION

CAUSE NO. 69

The following named company, being the Unit Operator of off-setting oil and gas leaseholds, hereby consents to the location of Humble Oil & Refining Company's No. 1 Hager well at a location within the SW/4 of the NE/4 of Section 2, Township 10 South, Range 23 East, SLM, Utah County, Utah, as applied for in Cause No. 69 before the Oil and Gas Conservation Commission of the State of Utah.

DATED THIS 16th DAY OF OCTOBER, 1961.

EL PASO NATURAL GAS COMPANY

By 
Attorney-in-Fact

STATE OF _____)
COUNTY OF _____) ss.

On the _____ day of _____, 1961, personally appeared before me _____, who being by me duly sworn, did say that he is the _____, of El Paso Natural Gas Company, and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said _____ acknowledged to me that said corporation executed the same.

Notary Public

My commission expires:

Address

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF UTAH

STATE OF TEXAS X
 X
COUNTY OF EL PASO X

On the 16th day of Oct., A.D., 1961, personally appeared before me Sam Smith, who, being by me duly sworn did say that he is the Attorney-in-Fact of EL PASO NATURAL GAS COMPANY, and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors, and said Sam Smith acknowledged to me that he as such Attorney-in-Fact executed the same.

Witness my hand and official seal.

NATALIE TAYLOR
Notary Public in and for El Paso County, Texas
My Commission Expires June 1, 1963

Natalie Taylor
Notary Public

in Cause No. 69 before the Oil and Gas Conservation Commission of the State of Utah.

DATED THIS 16th DAY OF OCTOBER, 1961.

EL PASO NATURAL GAS COMPANY

By Sam Smith
Attorney-in-Fact

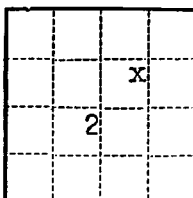
STATE OF _____)
COUNTY OF _____) ss.

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Notary Public

My commission expires:

Address



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SLC
Lease No. State ML3277
Unit Southman Canyon

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	XX	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 16, 19 61

Hager
Well No. 1 is located 1540 ft. from [N] line and 2050 ft. from [E] line of sec. 2
[X]
SW NE Section 2 LOS 23E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Southman Canyon Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is - ft. 5451.6' Ungraded Ground.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5,300' in the Wasatch Formation. Approximately 500' of 8-5/8" surface casing will be set unless excessive lost circulation is encountered below this depth in which case approximately 1,800' will be set. If production is found the required amount of 4-1/2" or 5-1/2" production casing will be set and cemented with sufficient cement to cover the highest potentially productive formation. Surface casing will be cemented to surface. All shows will be tested and Electric Logs will be run prior to setting production casing or abandonment. Stimulation treatments such as acidizing or fracturing may be employed in completion.

This is not a true location due to the nature of the terrain.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company

Address P. O. Box 3082

Durango, Colorado

By B. M. Bradley
B. M. Bradley
Title Dist. Supt.

COMPANY HUMBLE OIL & REFINING COMPANY

Well Name & No SOUTHWAN CANYON # 1 HAGER

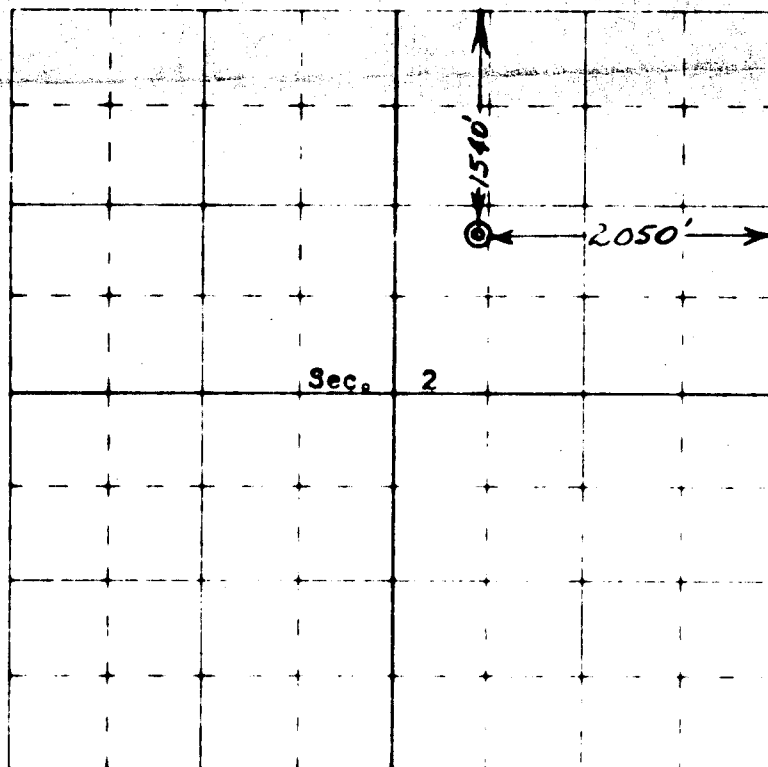
Lease No

Location 1540' FROM THE NORTH LINE & 2050' FROM THE EAST LINE

Being in NW SW NE

Sec. 2 T 10 S, R 23 E, S.L.M., Uintah County, Utah

Ground Elevation 5451.6' ungraded ground



Scale 4 inches equals 1 mile

Surveyed 12 October 1961

19

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

James P. Leese

Registered Land Surveyor
James P. Leese
Utah Reg. No. 1472

LEASE PLAT & PIPE LINE DATA

DIV. NO. _____ BLOCK NAME _____ LEASE NO. _____

LESSOR _____

TOTAL ACCUMULATED INTEREST _____

STATE _____ COUNTY _____ SEC _____ T _____ R _____ ACRES _____

DESCRIPTION AND INTEREST: _____

Southman Canyon #1 Hager - SW NE Section 2-10S-23E Uintah Co., Utah

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid _____ Pipe Transferred From _____

Total Length and Size of Pipe Taken Up _____ Pipe Transferred to _____

Depth Buried _____ Painted _____ Screw, Welded or Coupled _____ List Fittings (on back of this sheet if necessary)

Date _____ District _____ Farm or Plant _____

Signed _____

(Mail to Engineering Department - Tulsa)

Continental & Belco	Continental & Belco	Calif. Oil Co.	
34	35	36	
Featherstone	Humble	Gulf & El Paso	
3	2	1	
		● - Proposed Location	
		El Paso #2 Southman Canyon	
Gulf & El Paso	Gulf & El Paso	Gulf & El Paso	
9	10	11	

When used as 1/4" Section Scale, 1" = 400'

When used as Section Scale, 1" = 800'

When used as 4 Sections Scale, 1" = 1600'

Place check mark after scale used.

Plat made by _____ Date _____

1/2" Base Map _____ Date _____

Plat Book (Pend.) _____ Date _____ (Comp.) _____ Date _____

Block Map (Pend.) _____ Date _____ (Comp.) _____ Date _____

Block Map Tr. (Pend.) _____ Date _____ (Comp.) _____ Date _____

U. S.
SALT LAKE CITY

October 20, 1961

Humble Oil & Refining Co.
P. O. Box 3082
Durango, Colorado

Attn: B. M. Bradley, Dist. Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Hager #1, which is to be located 1540 feet from the north line and 2050 feet from the east line of Section 2, Township 10 South, Range 23 East, SEEM, Uintah County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted in accordance with the Order issued in a Hearing held on October 10, 1961.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

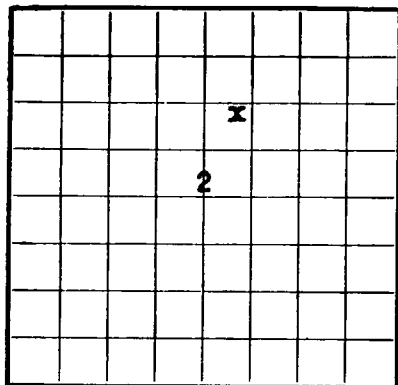
Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:avg
cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

Utah State Land Board



LOCATE WELL CORRECTLY

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Humble Oil & Refining Co. Address Box 3082, Durango, Colorado
 Lease or Tract Hager Field Southman Canyon State Utah
 Well No. 1 Sec. 2 T. 10S R. 23E Meridian SIM County Uintah
 Location 1540 ft. XXX of N. Line and 2050 ft. XX of E. Line of Section 2 Elevation 5460' D.F.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed B. M. Bradley
 Date January 19, 1962 Title Dist. Prod. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling October 27, 1961 Finished drilling December 8, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 4596 to 4620 No. 8, from 5004 to 5025
 No. 2, from 4808 to 4822 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48#	8	J-55	65'			-	-	Conductor
8-5/8	24#	8	J-55	1752'	Baker		-	-	Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	66'	150 sx			
8-5/8	1755'	1556 sx			

Adapters—Material

Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 5226' feet to - feet, and from - feet to - feet
 Cable tools were used from None feet to - feet, and from - feet to - feet

DATES

Date P & A December 8, 19 61 Put to producing -----, 19 -

The production for the first 24 hours was - barrels of fluid of which - % was oil; - % emulsion; - % water; and - % sediment. Gravity, °Bé. -

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. -

EMPLOYEES

-, Driller -, Driller
-, Driller -, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
0	4252	4252	Undesignated
4252	5226 TD	974	Wasatch

[OVER]

11/

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

State whether electric logs were run.

Spudded 10-27-61

Ran IES, Mica log, GR/N, & Temp. survey.

DST #1 4371-4445' tool open 2 hrs, open w/very weak blow, died immediately, by-pass tool, very weak blow, died in 4 minutes. NGTS. Rec 65' muddy wtr.

DST #2 - Misrun.

DST #3 4592-4614' open 2 hrs, open w/mod. blow. Rec'd 150' mud, 1553' gas cut brackish water.

DST #4 4809-4829' open 2 hrs w/weak blow, rec 210' wtr cut mud.

DST #5 5008-5036' open 2 hrs w/weak blow thruout, by-pass tool 2 times. Rec 180' drlg. mud.

CORE #1 4814-4829' Cut 16½', rec 16'; 7' sandstone, fine to med grained, porosity fair, no show; 9' laminated sandstone w/shale, sand was fine, tite, shale was dark gray.

CORE #2 5010-5036' Cut 26', rec 25'; 19' sandstone, fine to med grnd w/occasional visible porosity, no show; 1' inter-laminated sandstone w/shale; 5' shale, dark gray.

No important show. No perfs made. Cement plugs 4200-4300', 1800-1700', and 30-0' D & A December 8, 1961. TD 5226'. Rotary days 43.

JAN 30 1962

COMPANY HUMBLE OIL & REFINING COMPANY

Well Name & No. SOUTHDAN CANYON # 1 HAGER

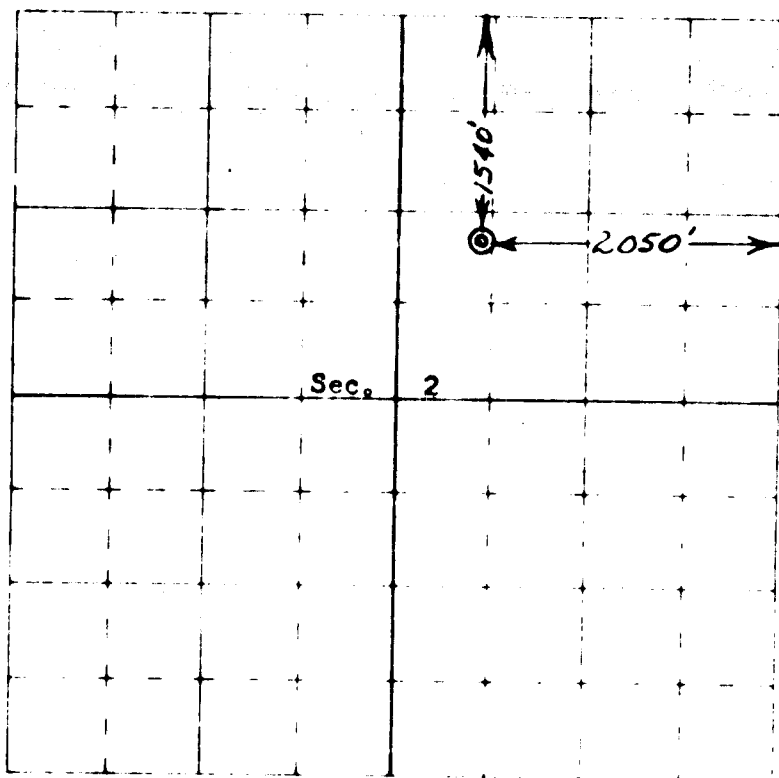
Lease No.

Location 1540' FROM THE NORTH LINE & 2050' FROM THE EAST LINE

Being in NW SW NE

Sec. 2 T 10 S, R 23 E, S.L.M., Uintah County, Utah

Ground Elevation 5451.6' ungraded ground



Scale 4 inches equals 1 mile

Surveyed 12 October 1961

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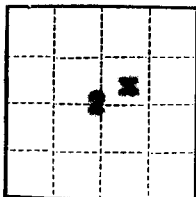
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

James P. Leese

Registered Land Surveyor

James P. Leese

Utah Reg. No. 1472



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office **SLB**
Lease No. **State ML-3277**
Unit **Southern Canyon**

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 17, 1962

Well No. **Kager #1** is located **1500** ft. from **N** line and **2050** ft. from **E** line of sec. **2**
SW NE Section 2 **10N** **23E** **S1N**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Southern Canyon **Utah** **Utah**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **-** ft. **5251.6' BG**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5226'. This well abandoned as follows: Cement plugs from 4300' to 4200'; 1800' to 1700' and from 30' to surface. Intervals between plugs filled with mud. A regulation dry hole marker placed in top of surface casing, pits filled and location cleaned. Now ready for inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Humble Oil & Refining Company**
 Address **P. O. Box 3082**
Durango, Colorado
 By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**
 Title **Dist. Supt.**